

# STAT 406-01: Mathematical Statistics II

## Problem Set 9

Assigned 2016 April 12  
Due 2016 April 19

**Show your work on all problems!** Be sure to give credit to any collaborators, or outside sources used in solving the problems. Note that if using an outside source to do a calculation, you should use it as a reference for the method, and actually carry out the calculation yourself; it's not sufficient to quote the results of a calculation contained in an outside source.

- 1 Hogg 7.6.2**
- 2 Hogg 7.6.7**
- 3 Hogg 7.7.1**
- 4 Hogg 7.7.3**
- 5 Hogg 7.7.4**
- 6 Hogg 7.7.6**